

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	(US-20040114481-\$ or US-20010028613-\$ or US-20060227698-\$ or US-20040125731-\$ or US-20020054555-\$).did. or (US-6243336-\$ or US-6122232-\$ or US-5862123-\$ or US-5729511-\$ or US-6128272-\$ or US-6125181-\$ or US-6122373-\$ or US-7102970-\$ or US-6862256-\$ or US-5737284-\$ or US-6215746-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/15 09:01
L2	5	l1 and (2T with (least minimum))	US-PGPUB; USPAT	OR	ON	2006/12/15 09:01
S1	1	("20040114481").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/18 11:02
S2	152023	lead-in (lead adj in) li	US-PGPUB; USPAT	OR	OFF	2006/11/18 11:03
S3	1375	S2 with (groove pit mark)	US-PGPUB; USPAT	OR	OFF	2006/11/18 11:03
S4	741	369/59.25.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/18 11:04
S5	1811	369/275.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/18 11:04
S6	2285	S4 S5	US-PGPUB; USPAT	OR	ON	2006/11/18 11:05
S8	31070	S6 and l((high adj density) ((blu blue) adj2 ray) blue-ray blu-ray bd) with (medium disk disk)	US-PGPUB; USPAT	OR	ON	2006/11/18 11:07
S9	1856	hfm (high adj frequency adj modulation)	US-PGPUB; USPAT	OR	ON	2006/11/18 11:08
S10	150732	((two bi dual) adj4 phase\$1) two-phase\$1 bi-phase\$1 dual=phase\$1	US-PGPUB; USPAT	OR	ON	2006/11/18 11:07
S11	30546	((high adj density) ((blu blue) adj2 ray) blue-ray blu-ray bd) with (medium disk disk)	US-PGPUB; USPAT	OR	ON	2006/11/18 14:25
S12	7	S11 and S9 and S10 and S6	US-PGPUB; USPAT	OR	ON	2006/11/18 11:11
S13	107	S11 and S10 and S6	US-PGPUB; USPAT	OR	ON	2006/11/18 11:11
S14	501083	ith (modulat\$3)	US-PGPUB; USPAT	OR	ON	2006/11/18 11:11
S15	5137	mark with modulat\$4	US-PGPUB; USPAT	OR	ON	2006/11/18 11:11

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S16	46	S13 and S15	US-PGPUB; USPAT	OR	ON	2006/11/18 14:25
S17	30546	((high adj density) ((blu blue) adj2 ray) blue-ray blu-ray bd) with (medium disk disk)	US-PGPUB; USPAT	OR	ON	2006/11/18 17:10
S18	45	S17 and ((mark and space) same track) and (management header) and (1T 2T 3T 4T 5T 6T) and (rom read-only "read only") and clock and (pattern modulat\$4)	US-PGPUB; USPAT	OR	ON	2006/11/18 14:33
S19	30	S17 and ((mark and space) same track) and (management header) and (2T) and (rom read-only "read only") and clock and (pattern modulat\$4)	US-PGPUB; USPAT	OR	ON	2006/11/18 14:36
S20	82	S17 and ((mark and space) and track) and (management header) and (2T) and (rom read-only "read only") and clock and (pattern modulat\$4)	US-PGPUB; USPAT	OR	ON	2006/11/18 15:17
S21	84	S17 and ((mark and space) and track) and (management PIC header) and (2T) and (rom read-only "read only") and clock and (pattern modulat\$4)	US-PGPUB; USPAT	OR	ON	2006/11/18 15:17
S22	47	S17 and ((mark and space) and track) and ((management adj area) PIC header) and (2T) and (rom read-only "read only") and clock and (pattern modulat\$4)	US-PGPUB; USPAT	OR	ON	2006/11/18 18:20
S23	1	("7102970").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/18 15:41
S24	9	S21 and hfm	US-PGPUB; USPAT	OR	ON	2006/11/18 17:15
S25	76	"369".clas. and hfm	US-PGPUB; USPAT	OR	ON	2006/11/18 17:15
S26	11	"369".clas. and ((biphased bi-phased "dual phased" "dual phase" "dual-phase" "dual-phased" "bi-phase" "biphase") with hfm)	US-PGPUB; USPAT	OR	ON	2006/11/18 17:26
S27	1	("20040125731").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/18 17:24

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S28	11	"369".clas. and ((biphased bi-phased "dual phased" "dual phase" "dual-phase" "dual-phased" "bi-phase" "biphase") with (mopdulat\$6 hfm))	US-PGPUB; USPAT	OR	ON	2006/11/18 17:28
S29	11	"369".clas. and ((biphased bi-phased "dual phased" "dual phase" "dual-phase" "dual-phased" "bi-phase" "biphase" (two near2 phase)) with (mopdulat\$6 hfm))	US-PGPUB; USPAT	OR	ON	2006/11/18 17:28
S30	11	"369".clas. and ((biphased bi-phased "dual phased" "dual phase" "dual-phase" "dual-phased" "bi-phase" "biphase" (multiple near2 phase\$)) with (mopdulat\$6 hfm))	US-PGPUB; USPAT	OR	ON	2006/11/18 17:28
S31	11	"369".clas. and ((biphased bi-phased "dual phased" "dual phase" "dual-phase" "dual-phased" "bi-phase" "biphase" (multiple near2 phase\$)) with (mopdulat\$6 hfm))	US-PGPUB; USPAT	OR	ON	2006/11/18 17:28
S32	9	S22 and hfm	US-PGPUB; USPAT	OR	ON	2006/11/18 18:15
S33	9	S22 and (lead-in and lead-out)	US-PGPUB; USPAT	OR	ON	2006/11/18 18:21
S34	18	S22 and (lead-in)	US-PGPUB; USPAT	OR	ON	2006/11/18 18:29
S35	0	S22 and ("lead in")	US-PGPUB; USPAT	OR	ON	2006/11/18 18:21
S36	2002	"369".clas. and (lead-in and lead-out)	US-PGPUB; USPAT	OR	ON	2006/11/18 18:32
S37	211	S36 and (bluray blue-ray blu-ray)	US-PGPUB; USPAT	OR	ON	2006/11/18 18:31
S38	515	S36 and ("high-density" "high density")	US-PGPUB; USPAT	OR	ON	2006/11/18 18:32
S39	1	("20020054555").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/18 18:41
S40	152458	lead-in (lead adj in)-li	US-PGPUB; USPAT	OR	OFF	2006/11/24 11:27
S41	1378	S40 with (groove pit mark)	US-PGPUB; USPAT	OR	OFF	2006/11/24 11:27
S42	741	369/59.25.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/24 11:27

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S43	1814	369/275.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/24 11:27
S44	2288	S42 S43	US-PGPUB; USPAT	OR	ON	2006/11/24 11:27
S45	160	S44 and S41	US-PGPUB; USPAT	OR	ON	2006/11/24 11:27
S46	3	kobayashi.in. and ("lead-in" with "pre-pits")	US-PGPUB; USPAT	OR	ON	2006/11/29 16:06
S47	22	"pre-pits" with "straight line"	US-PGPUB; USPAT	OR	ON	2006/11/29 16:32
S48	1	("20060227698").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/29 16:38
S49	942	pre-pit (pre adj pit)	US-PGPUB; USPAT	OR	OFF	2006/11/29 16:38
S50	1416	pre-pit (pre adj pit)	US-PGPUB; USPAT	OR	ON	2006/11/29 16:38
S51	18942	lead-in (lead adj "in")	US-PGPUB; USPAT	OR	ON	2006/11/29 16:39
S52	234	S50 same S51	US-PGPUB; USPAT	OR	ON	2006/11/29 16:39
S53	147	S50 near10 S51	US-PGPUB; USPAT	OR	ON	2006/11/29 16:39
S54	121	S50 near5 S51	US-PGPUB; USPAT	OR	ON	2006/11/29 16:39
S55	43	"differential phase detection method" and servo and "lead-in"	US-PGPUB; USPAT	OR	ON	2006/12/14 21:01